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06 FIGURE  
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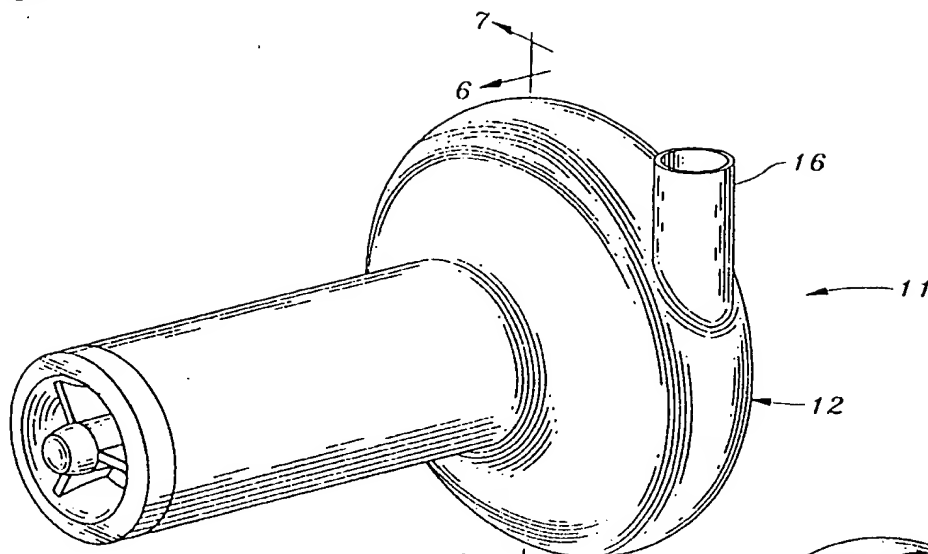


Fig. 1

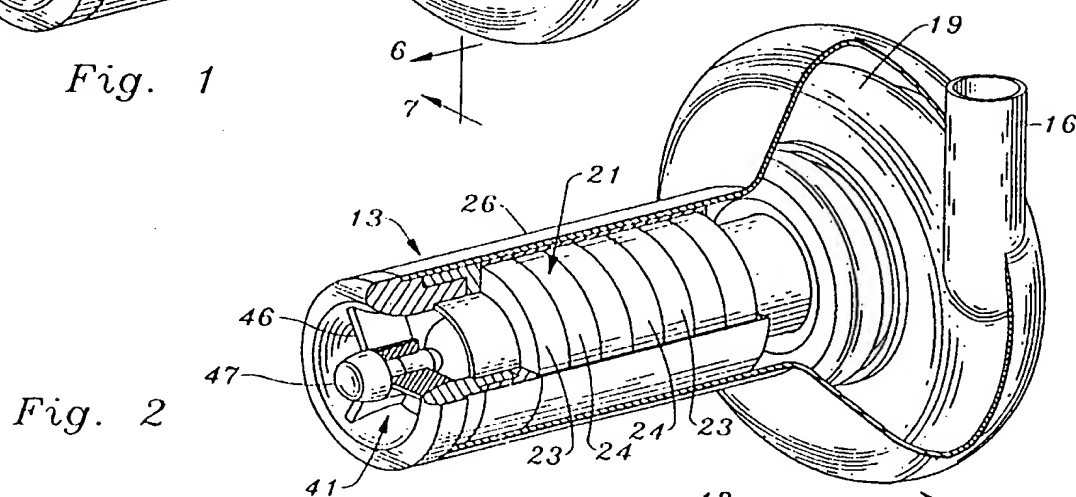


Fig. 2

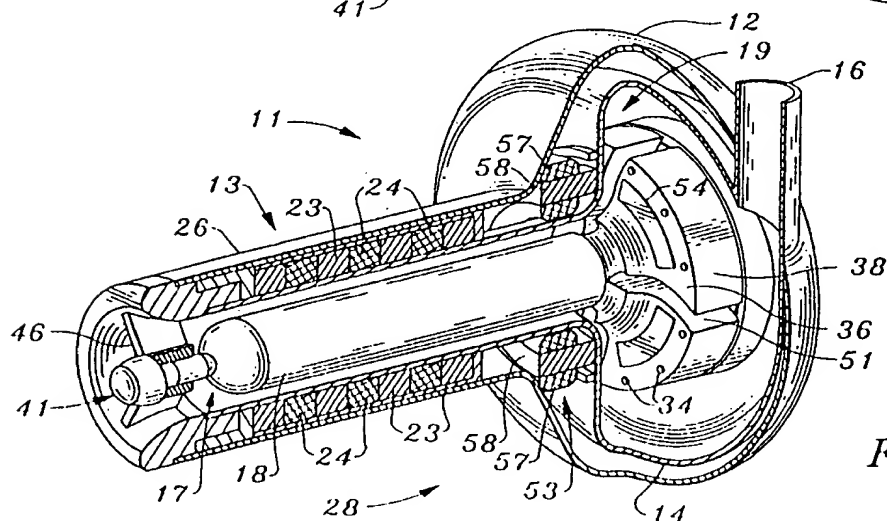
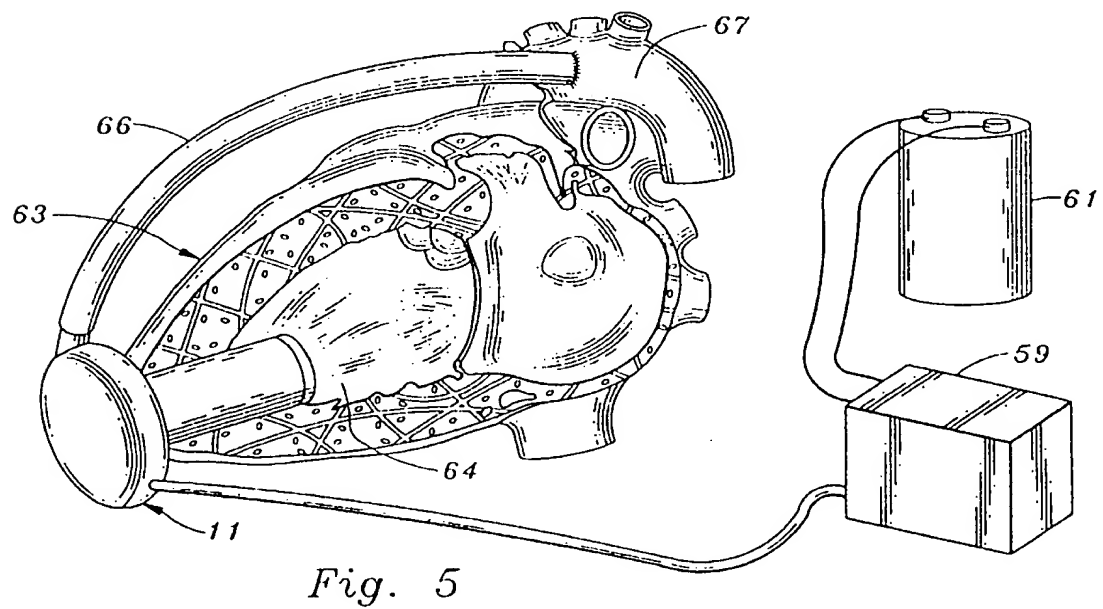
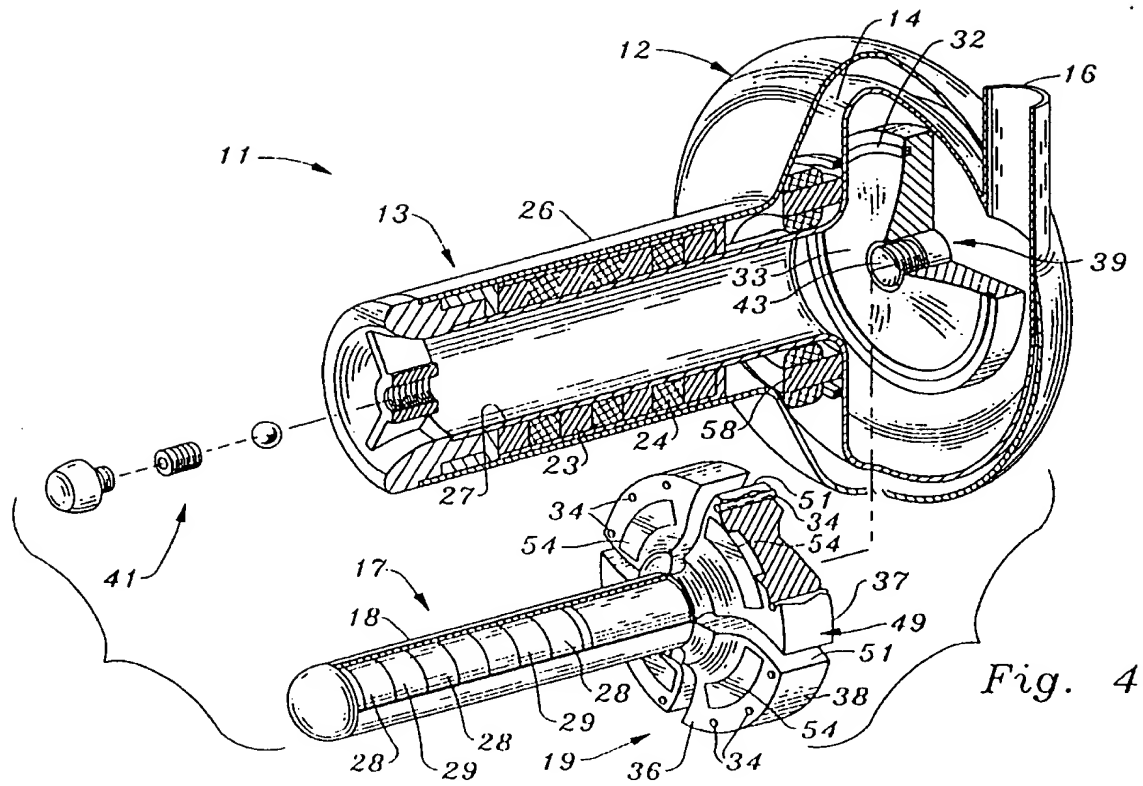


Fig. 3



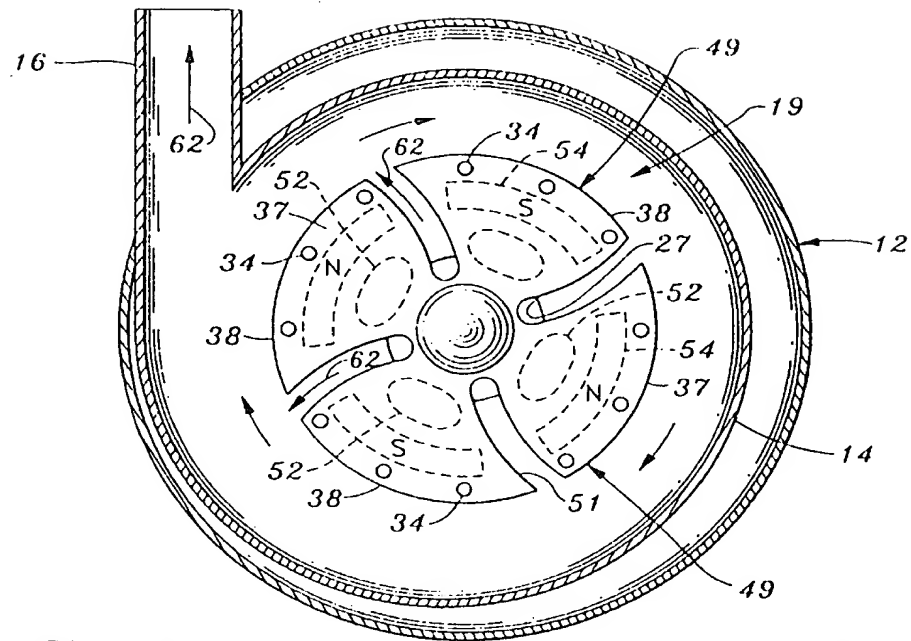


Fig. 6

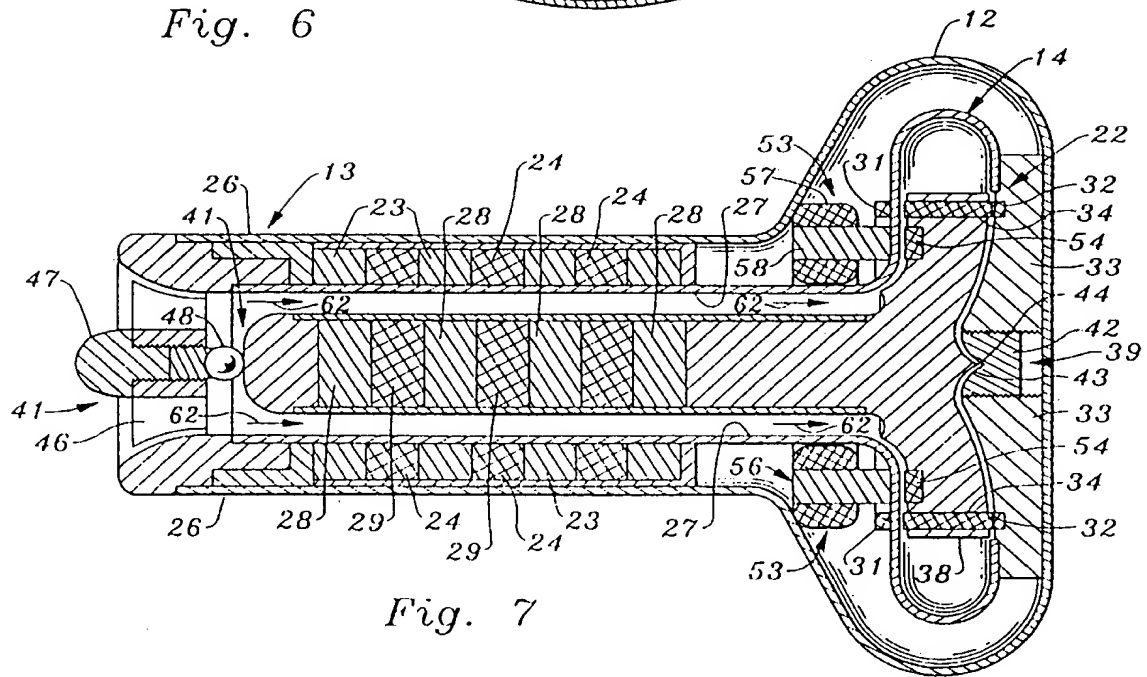


Fig. 7

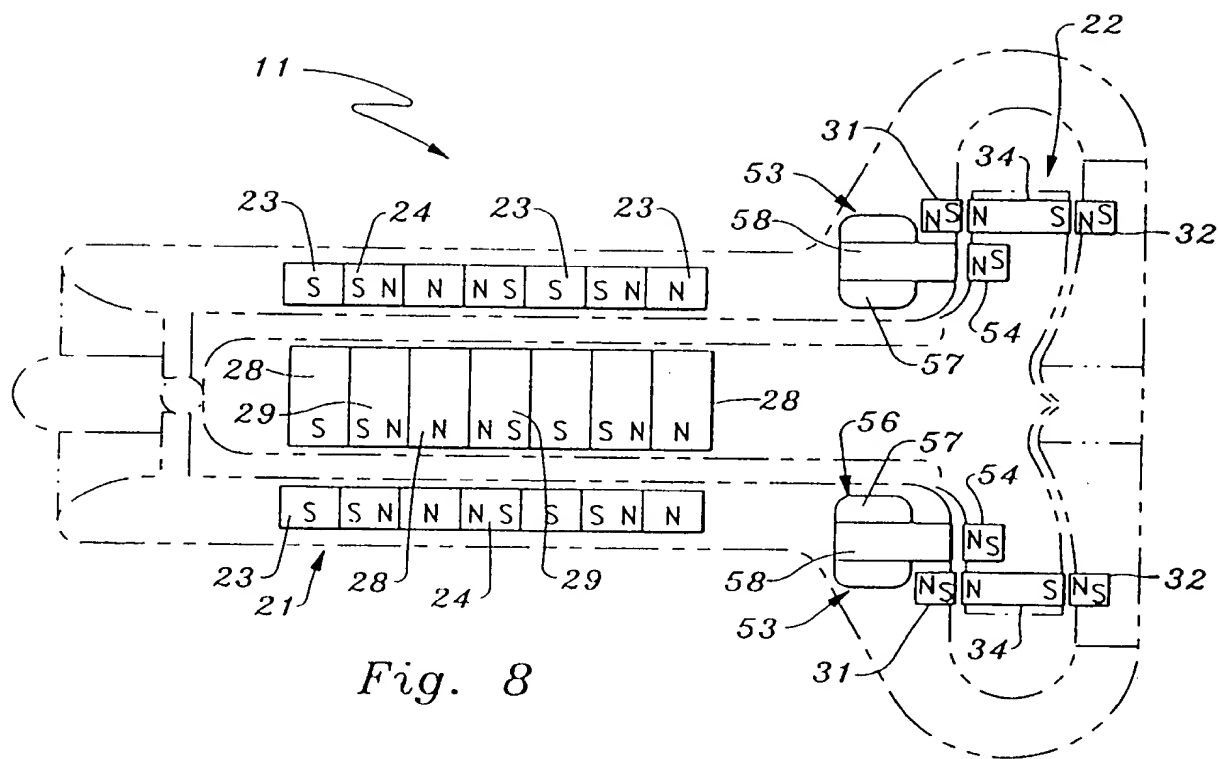


Fig. 8

FIG. 8a

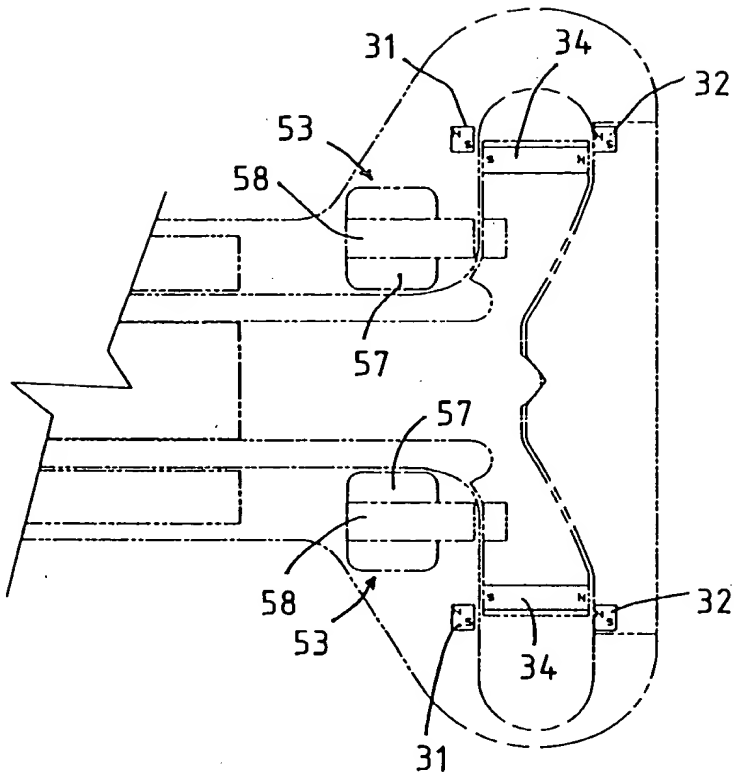
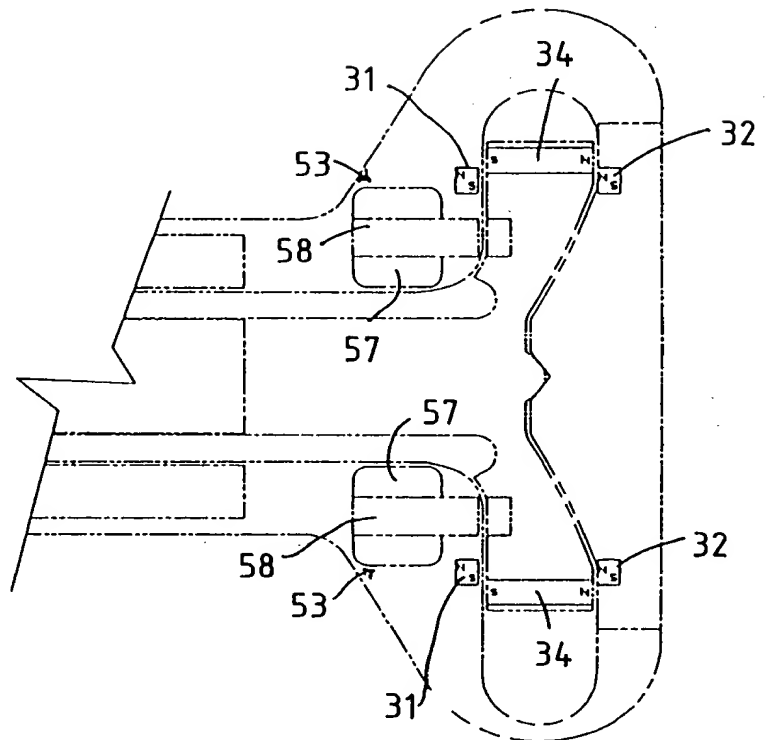


FIG. 8b



**FIG. 9**

A cross-sectional view of a magnetic head assembly. The assembly consists of a substrate 18 having a thickness  $sd$ . A central gap is formed in the substrate, with a width  $id$ . On either side of this gap are pole pieces 76 and 78. Each pole piece contains a magnetic core 88, which is divided into a North (N) pole and a South (S) pole. The pole pieces have a height  $mw$ . The total width of the assembly is indicated as  $bd$ .

FIG. 11

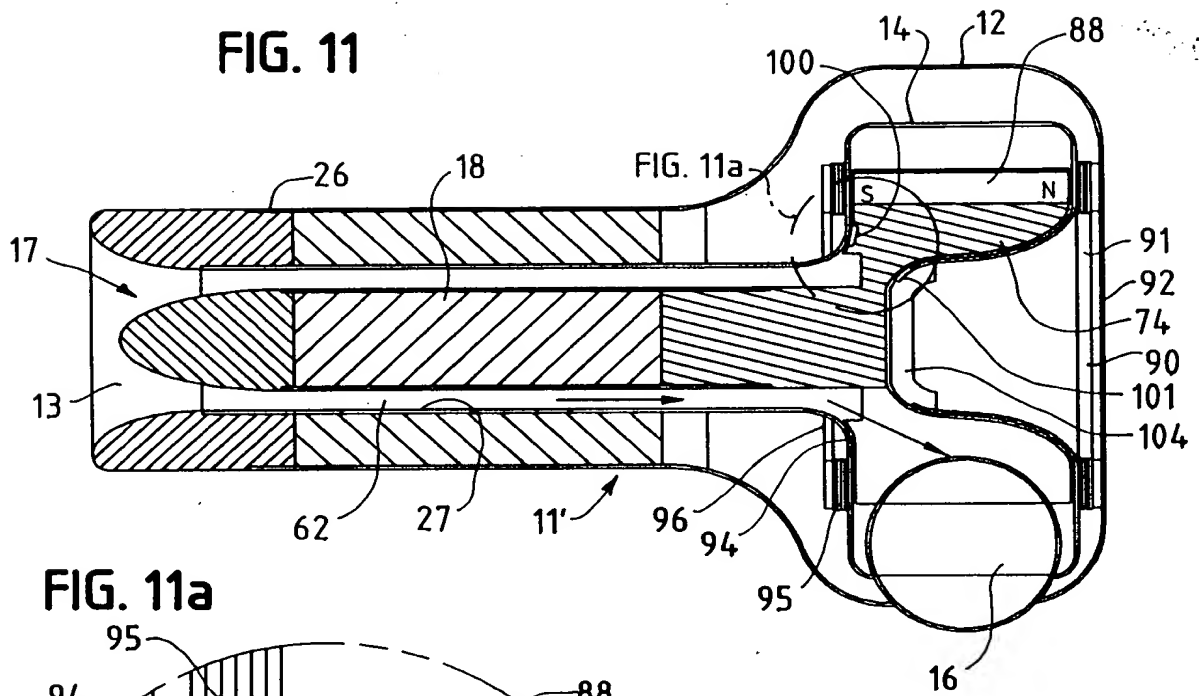


FIG. 11a

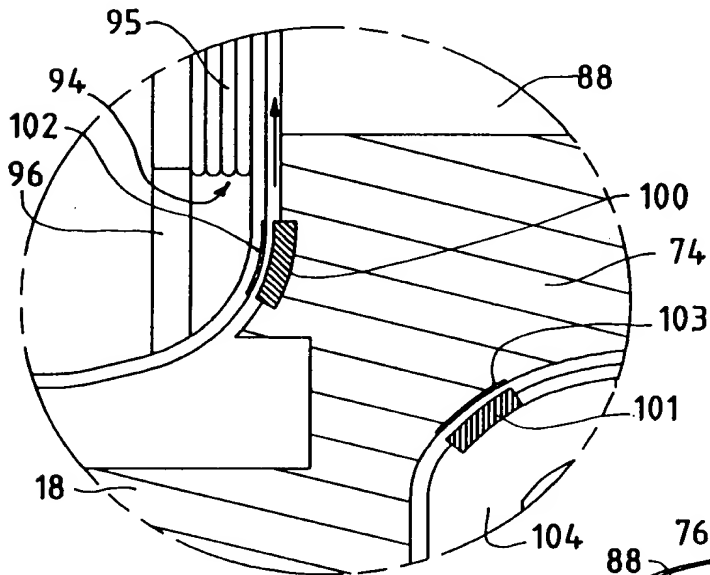


FIG. 12

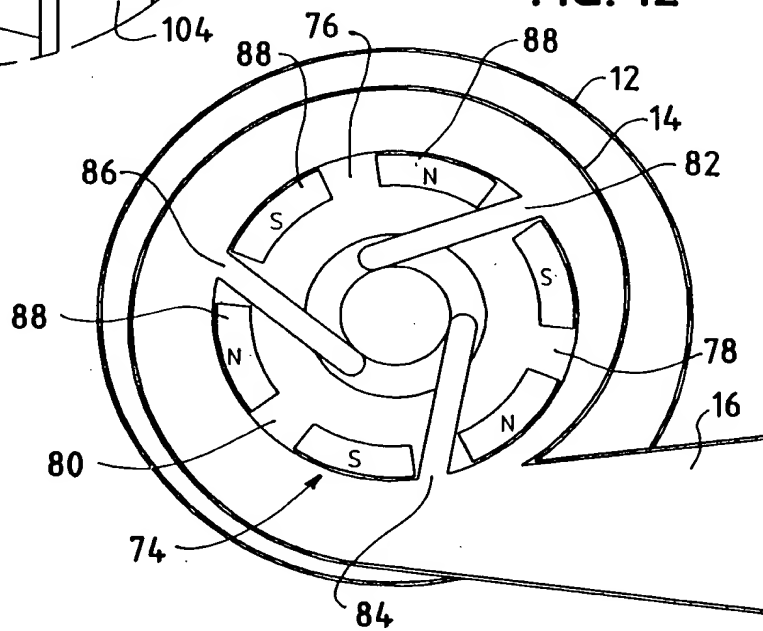


FIG. 13

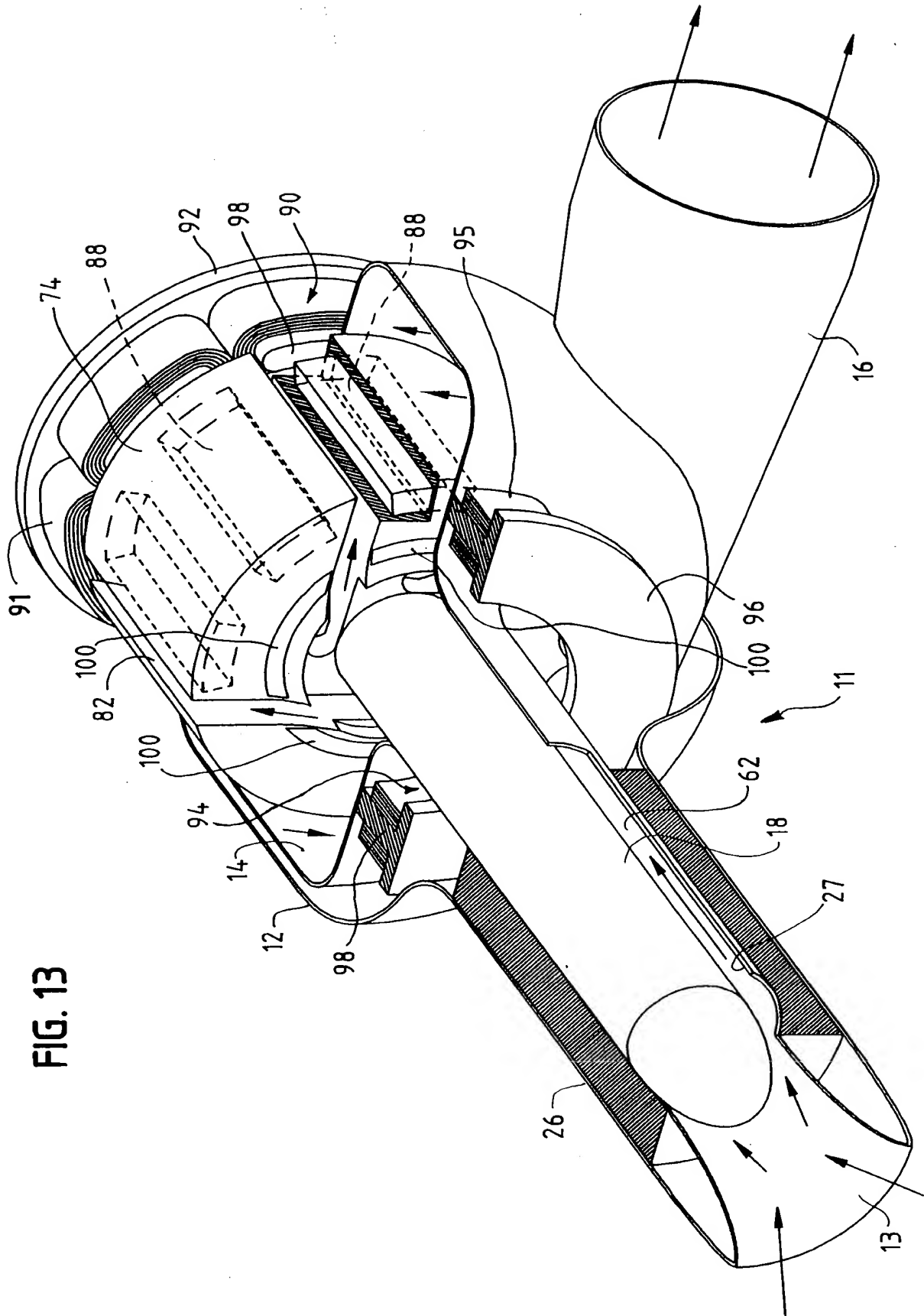




FIG. 13a

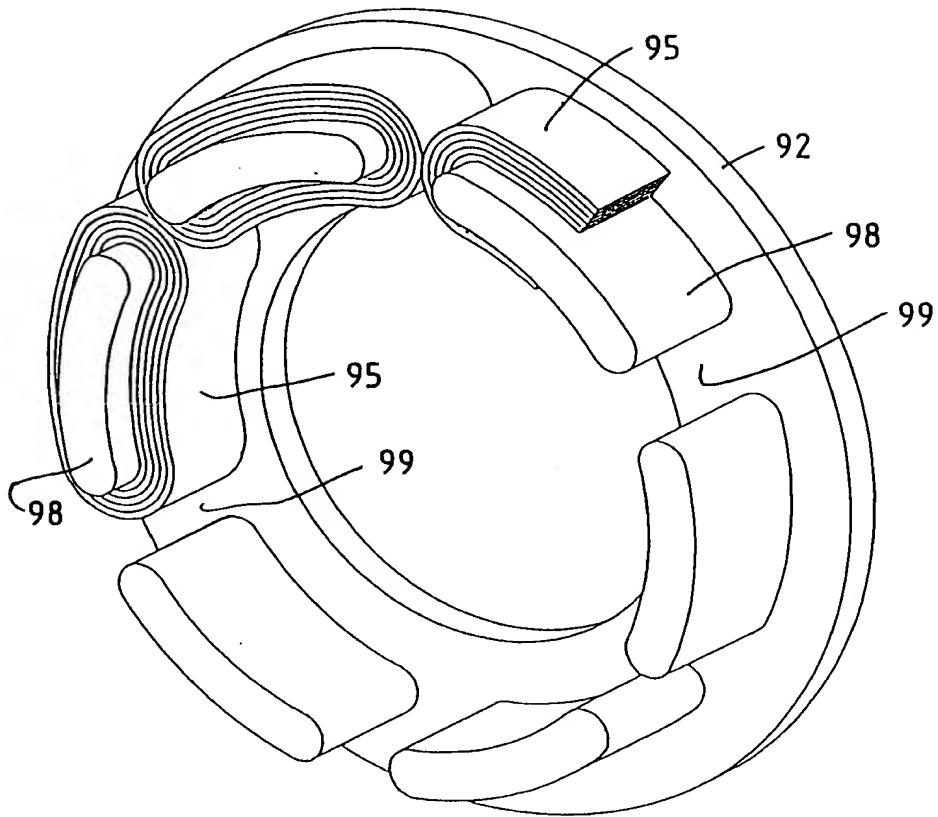


FIG. 13b

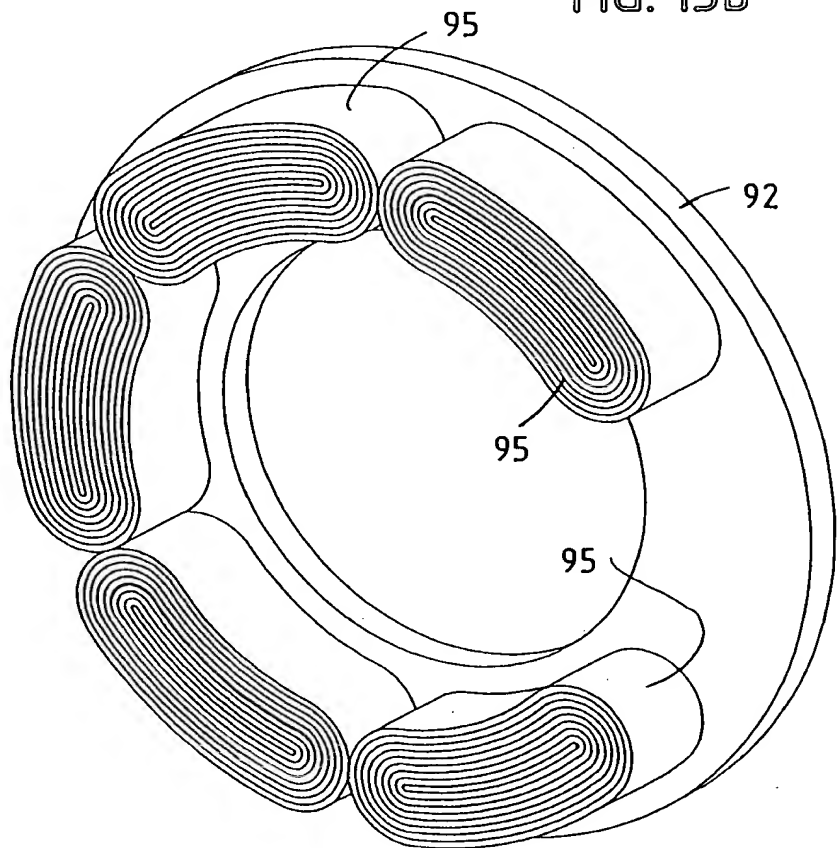


FIG. 14

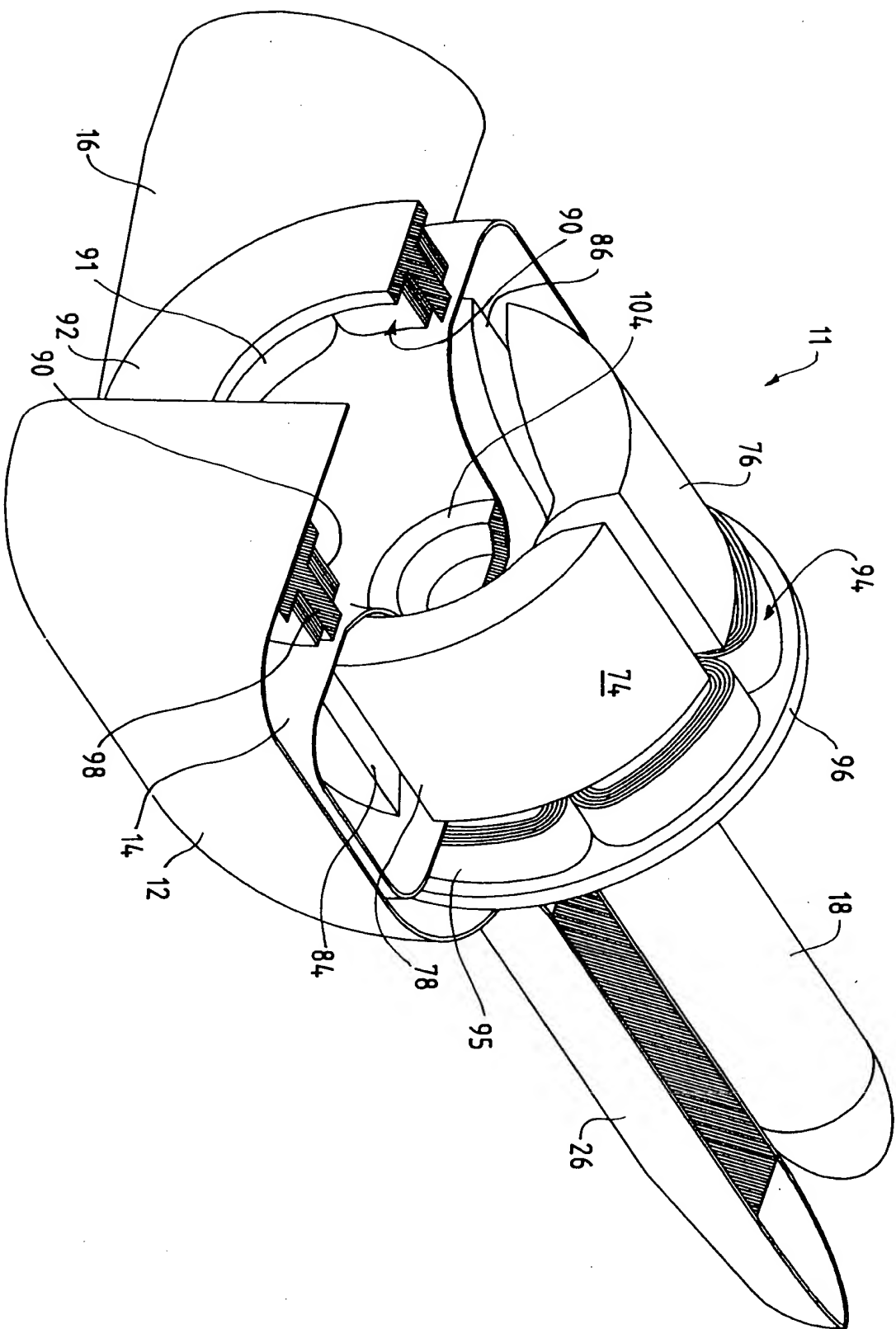


FIG. 15

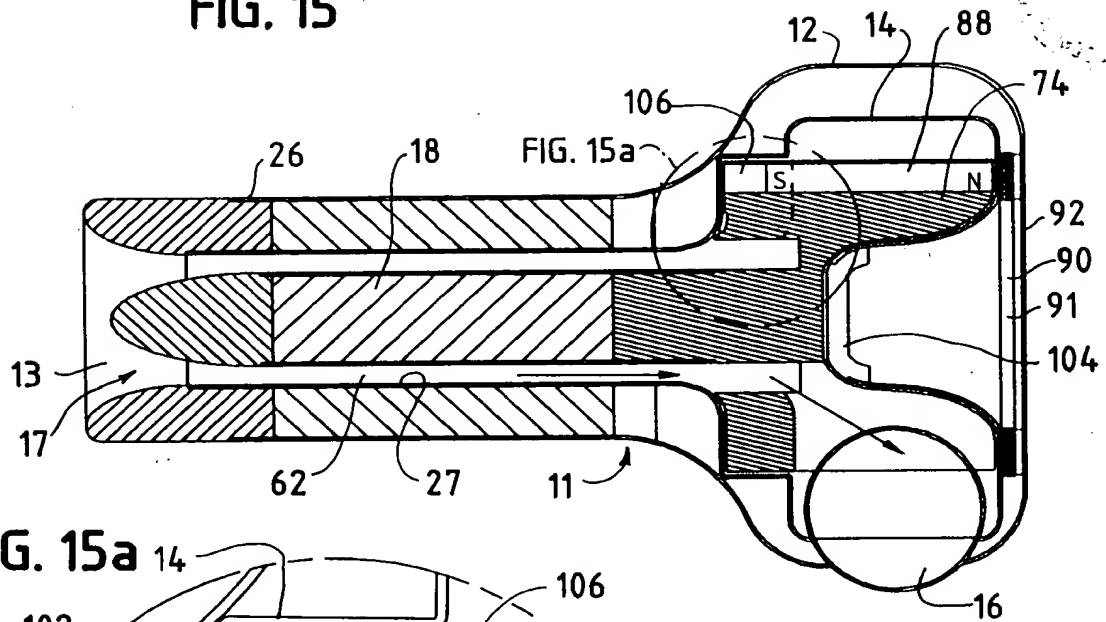


FIG. 15a

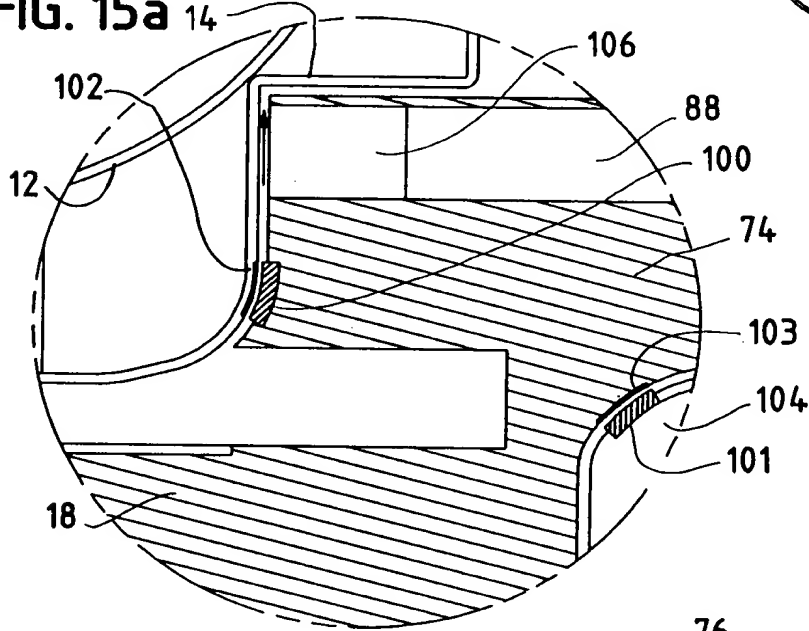
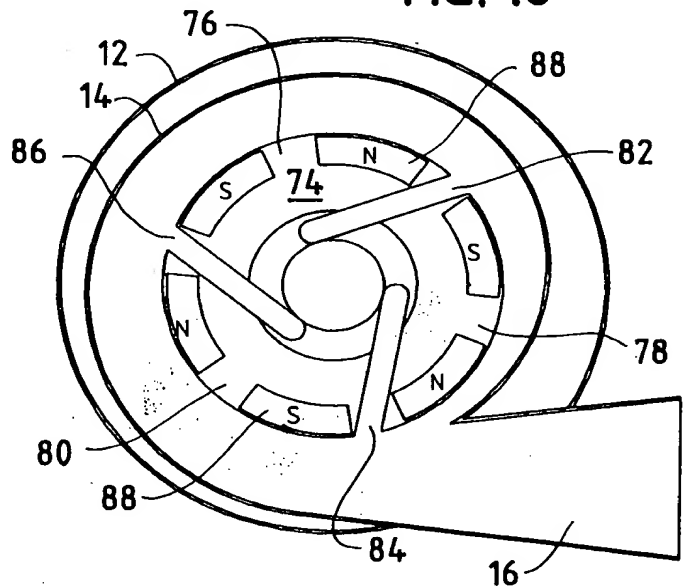
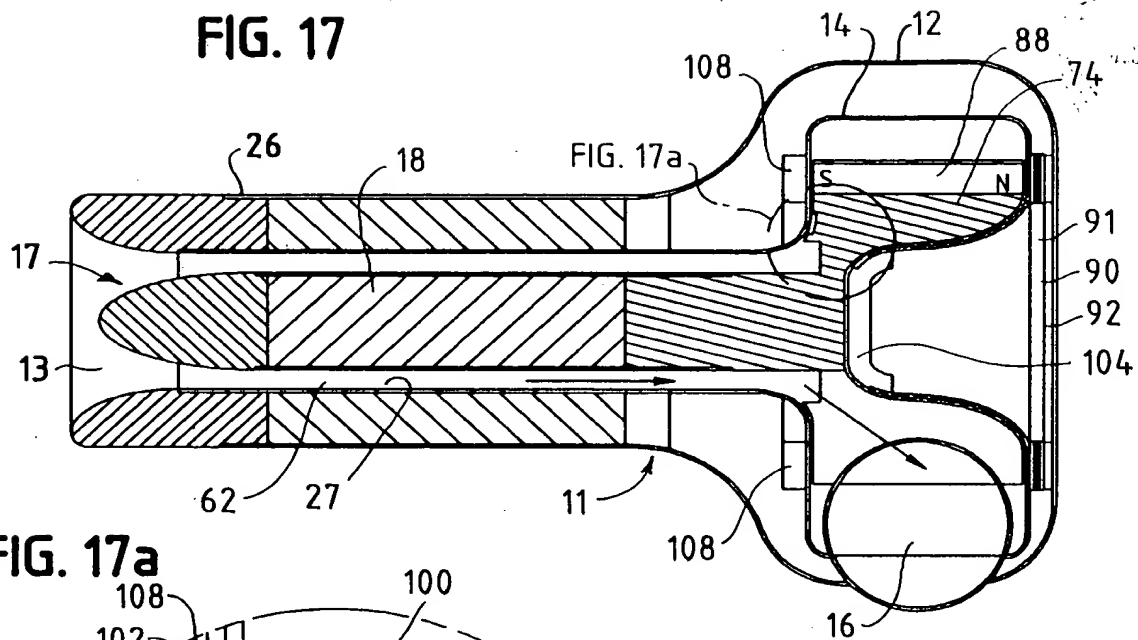


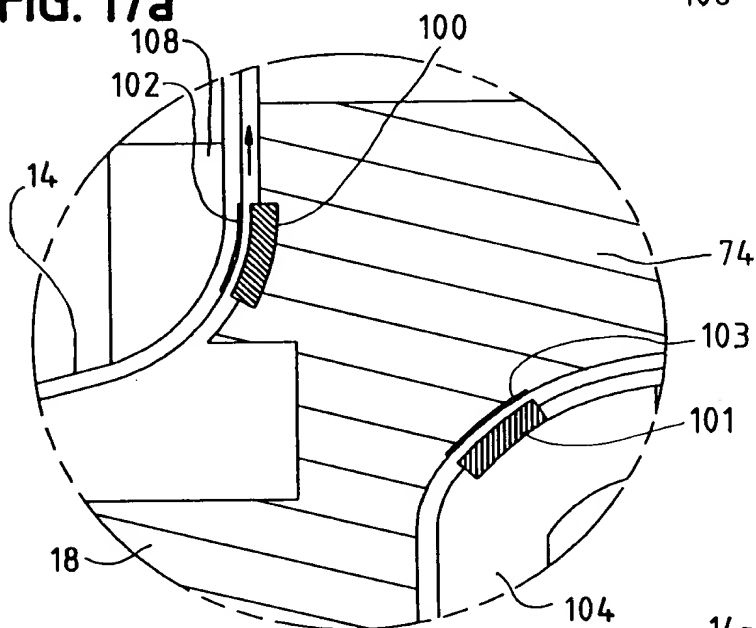
FIG. 16



**FIG. 17**



**FIG. 17a**



**FIG. 18**

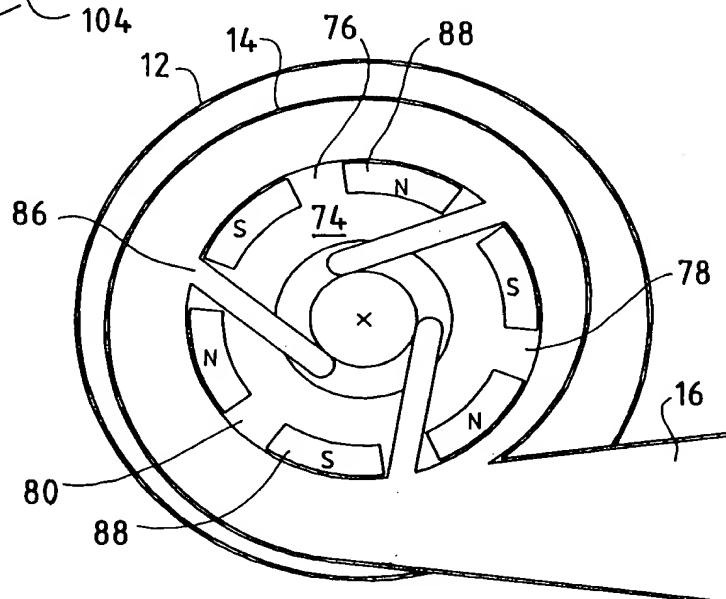


FIG. 19a

